**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

1.-10. (Canceled)

11. (New) A method for designing an automation system, comprising the steps of:

    providing design configuration data having at least HMI data and control data of at least one component of an automation system; and

    combining the design configuration data for the at least one component of the automation system in an information object.

12. (New) The method of claim 11, wherein the at least one component is a machine or a machine module.

13. (New) The method of claim 11, further comprising the step of individually processing the information object.

14. (New) The method of claim 11, further comprising the step of combining plural information objects to form an entire design configuration.

15. (New) The method of claim 11, further comprising the step of displaying a logic structure of the automation system and a logic structure of the at least one component of the automation system in a same mode of display.

16. (New) A device for designing an automation system, comprising an information object combining design configuration data for at least one component of an automation system, the design configuration data comprising at least HMI data and control data of the at least one component.

17. (New) A device for designing an automation system, comprising:

an information object;

a control component for combining design configuration data for at least one component of an automation system in the information object, wherein the design configuration data includes at least HMI data and control data of the at least one component;

an HMI component for inputting and outputting information;

a memory component for storing the information object; and

a communication system for transmitting data between the control component, HMI component and memory component.

18. (New) A computer program, comprising program code means for carrying out the method of claim 11 when the program is run on a computer.

19. (New) The computer program of claim 18, wherein the program code means are stored on a computer-readable data carrier.

20. (New) A computer program product, comprising program code means which are stored on a machine-readable carrier to carry out the method of claim 11 when the program is run on a computer.

21. (New) A data processing apparatus, comprising:

a computer;

a computer-readable data carrier; and

a computer program having program code means stored on the computer-readable data carrier for providing design configuration data having at least HMI data and control data of at least one component of an automation system, and combining the design configuration data for the at least one component of the automation system in an information object, said program code means activated when the computer program is run on the computer.